

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
WATER RESOURCES BRANCH

RECORD OF WELL

P 346 P346

Location	West Point 15' quad
15X	-2.15-4.3E

Locate well on plat of section.

1. Location: State N.Y. County Columbia  
Nearest P. O. Cold Spring Direction from P. O. NE  
Distance from P. O. 3 1/2 miles; 1/4 sec. T. R. R.  
If in city, give street and number 100 ft. west of Philipstown
2. Owner: J. Miller Address Cold Spring N.Y.  
Driller: Peter Schlage Address Upper Rd., Houghsboro
3. Situation: Is well on upland, in valley, or on hillside? hillside
4. Elevation of top of well: 420 ft. above the level of sea  
(Above or below) (Sea, depot, lake, or stream)
5. Type of well: drilled; kind of drilling rig used cable  
(Dug, driven, bored, or drilled) (Solid tool, jetting, rotary, etc.)
6. Depth of well: 125 ft.; year in which well was finished 1948  
Does well enter rock? yes; if so, at what depth? 12 ft.; kind of rock granite
7. Diameter: At top 6" inches; at bottom 6" inches.
8. Principal water bed: 6 3/4 pm - at 122 ft.  
Depth to principal water bed 122 ft.; thickness of bed \_\_\_\_\_ ft.  
(Gravel, sand, clay, or rock. If rock, state kind)  
If other water supplies were found, give depth to each \_\_\_\_\_
9. Casings: Kind steel; size 6; length 12 ft.; between depths of 0 and 12 ft.  
Kind \_\_\_\_\_; size \_\_\_\_\_; length \_\_\_\_\_ ft.; between depths of \_\_\_\_\_ and \_\_\_\_\_ ft.  
Kind \_\_\_\_\_; size \_\_\_\_\_; length \_\_\_\_\_ ft.; between depths of \_\_\_\_\_ and \_\_\_\_\_ ft.
- Packers (if any): Depth at which packers were used no; kind \_\_\_\_\_
- Screen or Strainer: Was well finished with screen? no; kind of screen \_\_\_\_\_;  
length of screen \_\_\_\_\_ ft.; diameter \_\_\_\_\_ inches; size of openings \_\_\_\_\_
10. Head: Does well at present overflow without pumping? no; did it overflow when new? no;  
if flowing, give pressure \_\_\_\_\_ lb. per sq. inch; or height water will rise in a pipe \_\_\_\_\_ ft. above surface;  
original pressure or head \_\_\_\_\_; if not flowing, give water level in well 18 ft. below surface.
11. Pump: Is the well pumped? yes; kind of pump hand;  
size or capacity of pump \_\_\_\_\_; kind of power human
12. Yield: Natural flow at present (if any) \_\_\_\_\_ gallons per minute; original flow \_\_\_\_\_ gallons per minute;  
well has been pumped at 6 gallons per minute continuously for \_\_\_\_\_ hours;  
quantity of water ordinarily obtained from well \_\_\_\_\_ gallons per day.
13. Use: For what purpose is the water used? 2 Houses - 2 families
14. Quality of the water: Hard - drill; is there an analysis? \_\_\_\_\_  
(Hard or soft, fresh or salty, etc.)
15. Cost of well, not including pump: \_\_\_\_\_ Temperature of water \_\_\_\_\_ ° F.
- Name of person filling blank Peter Schlage  
Date 2-27-50 Address Upper Rd. at Albany



# LOG OF WELL

KIND OF ROCK OR OTHER MATERIAL (Give color and tell whether hard or soft)	DEPTH, IN FEET		THICKNESS, IN FEET	REMARKS (Especially information as to water found)
	From—	To—		
Topsoil & clean sand	0	12	12	(Till)
Granite	12	125	113	
<p>rock called "granite" because so hard - surface This was about 30' higher than 345 in elevation Owner's wife let water stand in pit for a week and it turned.</p>				
<p>At 11' deep well 21 ft. deep ran dry in summers of 1948 &amp; 1949 &amp; some kind of water.</p>				
<p>The drilled well is about 100 yards south &amp; a little west of 345 Dry well about 25 yds SE of drilled well 346 Dry well stone lined &amp; used since 1930.</p>				
<p>Cliff of solid bedrock 10 yds. west of Miller well.</p>				